

IDS - 01/13/2004

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| <b>INFORMATION DISCLOSURE STATEMENT</b><br><br>(Use Several Sheets if necessary) | ATTY DOCKET NO.     | SERIAL NO. |
|  | 50,518A DIV2        |            |
|  | APPLICANT           |            |
|  | PETOLINO, Joseph F. |            |
|  | FILING DATE         | GROUP      |

## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL |    | DOCUMENT<br>NUMBER | DATE     | NAME             | CLASS | SUB-<br>CLASS         | FILING DATE<br>IF APPROPRIATE |
|---------------------|----|--------------------|----------|------------------|-------|-----------------------|-------------------------------|
| AM                  | AA | US 5,302,523       | 04/12/94 | Coffee, et al.   | 435   | <del>723</del><br>468 |                               |
| AM                  | AB | US 6,350,611       | 02/26/02 | Armstrong        | 435   | 320.1                 |                               |
| AM                  | AC | US 5,464,765       | 11/07/95 | Coffee, et al.   | 435   | <del>723</del><br>468 |                               |
| AM                  | AD | US 5,641,664       | 06/24/97 | D'Halluin et al. | 435   | <del>723</del><br>468 |                               |
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## FOREIGN PATENT DOCUMENTS

|    |    | DOCUMENT<br>NUMBER | PUBLICATION<br>DATE | COUNTRY | CLASS | SUB-<br>CLASS | TRANSLATION<br>YES NO |  |
|----|----|--------------------|---------------------|---------|-------|---------------|-----------------------|--|
| AM | BA | WO 94/28148        | 12/08/94            | PCT     |       |               |                       |  |
| AM | BB | WO 92/09696        | 06/11/92            | PCT     |       |               |                       |  |
| AM | BC | WO 97/12512        | 04/10/97            | PCT     |       |               |                       |  |
| AM | BD | WO 95/14098        | 05/26/95            | PCT     |       |               |                       |  |

## OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

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| AM | CA | Nagatani N. et al.: "DNA delivery into rice cells and transformation using silicon carbide whiskers" Biotechnology Techniques, vol. 11, no. 7, 1997, pages 471-473,  |
|    | CB | Wang K. et al.: "Whisker-mediated plant transformation: an alternative technology" In Vitro Cellular and Developmental Biology, vol. 31, 1995, pages 101-104   |
|    | CC | Songstad D. et al.: "Advances in alternative DNA delivery techniques" Plant Cell, Tissue and Organ Culture, vol. 40, 1995, pages 1-15  |
|    | CD | Yamaguchi, Masanori et al.: Chemical Abstracts, vol. 129, no. 8, 24 August 1998 Columbus, Ohio, US; abstract no. 91391, "Plant transformation method using crystal whiskers an improvement with DNA-basic substance complex" XP002103977 |
|    | CE | Southgate E. M. et al.: "A comparison of methods for direct gene transfer into maize (Zea mays L.)" In Vitro Cellular and Developmental Biology, vol. 34, July 1998, pages 218-224   |
|    | CF | Hess, Dieter et al, "Transformation experiments by pipetting Agrobacterium into the spikelets of wheat (Triticum aestivum L.)" Plant Sci., Vol. 72, pages 233-244. 1990  |
|    | CG | Stewart, J. McD., Integrated Events In the Flower and Fruit, in Cotton Physiology (J.R. Mauney and J. McD. Stewart, eds.) pages 261-272. 1986  |
|    | CH | Frame, Bronwyn R. et al, "Production of fertile transgenic maize plants by silicon carbide whisker-mediated transformation", Plant J., Vol 6, pages 941-948. 1994  |
| AM | CI | Kuehnle, Adelheid R. et al, "Transformation of Dendrobium orchid using particle bombardment of protocorms", Plant Cell Rep., Vol. 11, pages 484-488. 1992  |

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| EXAMINER | /Ashwin Mehta/ | DATE CONSIDERED | 06/29/2006 |
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|                          |  | DOCUMENT<br>NUMBER | PUBLICATION<br>DATE | COUNTRY | CLASS | SUB-<br>CLASS | TRANSLATION<br>YES   NO |
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| OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.) |    |   |
|--|----|---|
| AM   | CJ | Firoozabady, Ebrahim et al, "Transformation of cotton ( <i>Gossypium hirsutum</i> L.) by <i>Agrobacterium tumefaciens</i> and regeneration of transgenic plants", Plant Mol. Biol. Vol. 10, pages 105-116. 1987 |
| ↓  | CK | Ishida, Yuji et al., "High efficiency transformation of maize ( <i>Zea mays</i> L.) mediated by <i>Agrobacterium tumefaciens</i> ", Nature Biotech., Vol. 14, pages 745-750. 1996                               |
| ↓  | CL | Potrykus, I., "Gene Transfer to Plants: Assessment of Published Approaches and Results", Annu. Rev. Plant Physiol. Plant Mol. Biol., 1991, Vol. 42, pages 205-225   |
| ↓  | CM | Asano, Yoshito et al., "Electroporation-mediated and silicon carbide fiber-mediated DNA delivery in <i>Agrostis alba</i> L. (Redtop), Plant Sci., Vol. 79, pages 247-252. 1991                                  |
| ↓  | CN | Serik, Omirulleh, et al., "Silicon carbide fiber-mediated DNA delivery into cells of wheat ( <i>Triticum aestivum</i> L.) mature embryos", Plant Cell Rep., Vol. 16, pages 133-136. 1996                        |
| ↓  | CO | Thompson, J.A. et al., "Maize transformation utilizing silicon carbide whiskers: a review", Euphytica, Vol. 85, pages 75-80. 1995   |
| ↓  | CP | Kaeppler, H.F. et al., "Silicon carbide fiber-mediated stable transformation of plant cells", Theor Appl Genet, Vol. 84, pages 560-566. 1992  |
| AM   | CQ | Raloff, J. "Needling tissues to accept foreign genes", Science News, page 181, 1990 , Vol. 137  |
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